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100 Days of ML



Day 12 - Setting u...

Day 13 - End to En...

Day 14 - Framing t...

Day 15 - Working...

Day 16 - Working...

Day 17 - API to Pa...

Day 18 - Web Scra...

Day 19 - Understa...

Day 20 - Univariate...

Day 21 - Bivariate...

Day 22 - Pandas Pr...

Day 23 - Feature E...

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Day 26 - Ordinal E...

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Day 29 - Pipelines

Day 30 - Function T...

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Mathematical Transformations

Function Transformer

How to find if data is normal?

QQ Plots

Log Transform

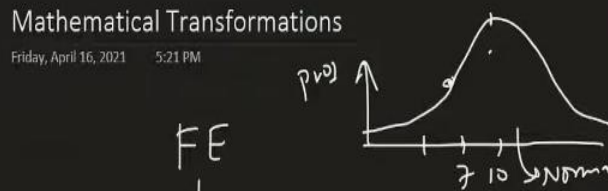
Other Transforms

Example

Mathematical Transformations

Friday, April 16, 2021

5:21 PM



FE

feature

transformations

Mathematical
transNormal
distribution

- 1) log trans
 - 2) Reciprocal
 - 3) power ($\sqrt{x}/\sqrt{x+1}$)
- custom

- 1) Box-Cox
- 2) Yeo-Johnson

Statistic

ML

Linear Reg

Logish

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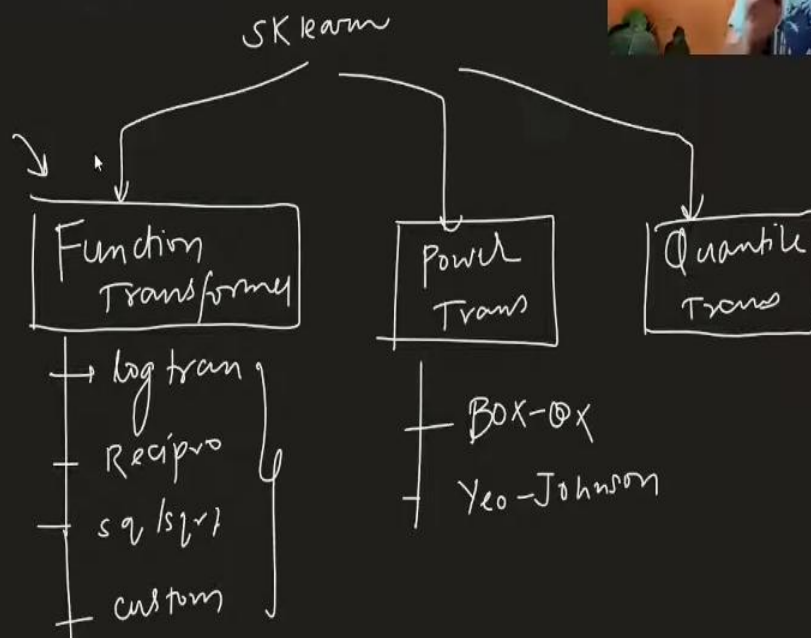
Other Transforms

Example

Function Transformer

Friday, April 16, 2021

5:22 PM



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Mathematical Transformations

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QQ Plots

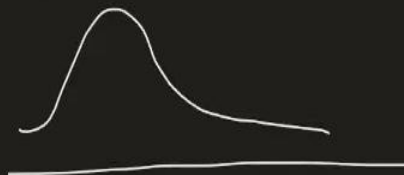
Log Transform

Other Transforms

Example

How to find if data is normal?

Friday, April 16, 2021 6:30 PM

`sns.distplot``QQ plot`statistics`pd.skew() = 0`

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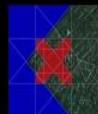
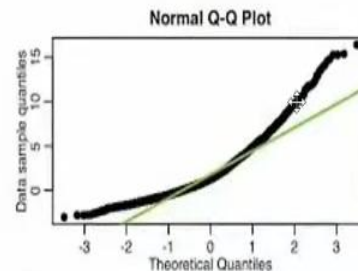
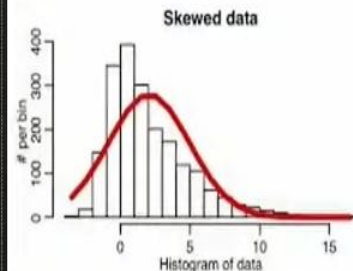
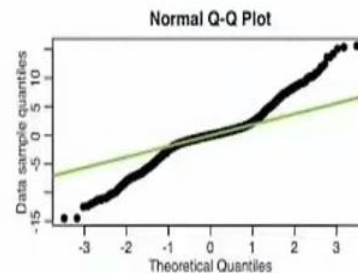
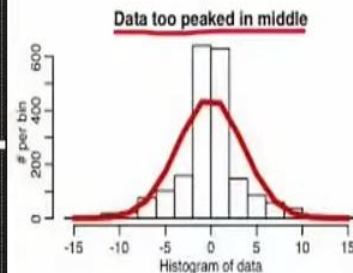
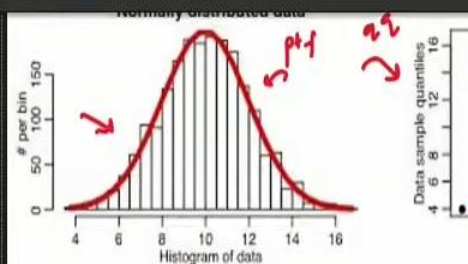
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